RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/719,996_

Source: _IFWD_

Date Processed by STIC: _12/15/03_

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PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
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2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 4.1 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<u>http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm</u>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
<u>Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:</u>

1. EFS-Bio (<u><http://www.uspto.gov/ebc/efs/downloads/documents.htm></u> , **EFS Submission User Manual** - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 10/08/03

I

RAW SEQUENCE LISTING   DATE: 12/03/2003
PATENT APPLICATION: **US/10/719,996**   TIME: 12:15:41

Input Set : **A:\1096021A-seq.txt**
Output Set: **N:\CRF4\12032003\J719996.raw**

```
 5 <110> APPLICANT: Hannoufa, Abdelali
 6         Hegedus, Dwayne
 7         Bate, Nicholas
 9 <120> TITLE OF INVENTION: A Repressor-Mediated Regulation System for Control of Gene
ression
10         in Plants
14 <130> FILE REFERENCE: 1096.021A
> 18 <140> CURRENT APPLICATION NUMBER: US/10/719,996
> 18 <141> CURRENT FILING DATE: 2003-11-21
18 <150> PRIOR APPLICATION NUMBER: PCT/CA02/00740
20 <151> PRIOR FILING DATE: 2002-05-23
24 <150> PRIOR APPLICATION NUMBER: US 60/292,973
26 <151> PRIOR FILING DATE: 2001-05-23
30 <160> NUMBER OF SEQ ID NOS: 44
34 <170> SOFTWARE: PatentIn version 3.0
```

ORED SEQUENCES

```
1089 <210> SEQ ID NO: 44
1091 <211> LENGTH: 17
1093 <212> TYPE: PRT
1095 <213> ORGANISM: Gallus sp.
1099 <400> SEQUENCE: 44
1101      Arg Arg Cys Phe Glu Val Arg Val Cys Ala Cys Pro Gly Arg Asp Arg
1102      1               5                   10                  15
1104      Lys
> 1110  1
```

delete

see p. 2 for more error

Does Not Comply
Correct Disclosure Reader

pp 1-3

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\12052003\J719996.raw**

```
 99 <210> SEQ ID NO: 3
101 <211> LENGTH: 447
103 <212> TYPE: DNA
105 <213> ORGANISM: Artificial
109 <220> FEATURE:
111 <223> OTHER INFORMATION: ROS consensus sequence
113 <220> FEATURE:
115 <221> NAME/KEY: misc_feature
117 <222> LOCATION: (1)..(447)
119 <223> OTHER INFORMATION: n is A or T or G or C
123 <220> FEATURE:
125 <221> NAME/KEY: misc_feature
127 <222> LOCATION: (1)..(447)
129 <223> OTHER INFORMATION: h is a or c or t/u
133 <220> FEATURE:
135 <221> NAME/KEY: misc_feature
137 <222> LOCATION: (1)..(447)
139 <223> OTHER INFORMATION: m is a or c
143 <220> FEATURE:
145 <221> NAME/KEY: misc_feature
147 <222> LOCATION: (1)..(447)
149 <223> OTHER INFORMATION: r is G or A
153 <220> FEATURE:
155 <221> NAME/KEY: misc_feature
157 <222> LOCATION: (1)..(447)
159 <223> OTHER INFORMATION: y is t/u or c
163 <220> FEATURE:
165 <221> NAME/KEY: misc_feature
167 <222> LOCATION: (1)..(447)
169 <223> OTHER INFORMATION: w is a or t/u
173 <400> SEQUENCE: 3
```

```
W--> 174    atgacngara cngcntaygg naaygcncar gayytnytng tngarytnac ngcngayath    60
W--> 176    gtngcngcnt aygtnwsnaa ycaygtngtn ccngtnacng arytnccngg nytnathwsn   120
W--> 178    gaygtncaya cngcnytnws nggnacnwsn gcnccngcnw sngtngcngt naaygtngar   180
W--> 180    aarcaraarc cngcngtnws ngtnmgnaar wsngtncarg aygaycayat hgtntgyytn   240
W--> 182    gartgyggng gnwsnttyaa rwsnytnaar mgncayytna cnacncayca ywsnatgacn   300
W--> 184    ccngargart aymgngaraa rtgggayytn ccngtngayt ayccnatggt ngcnccngcn   360
W--> 186    taygcngarg cnmgnwsnmg nytngcnaar garatgggny tnggncarmg nmgnaargcn   420
W--> 188    aaymgnccna araaraarmg naargtn                                      447
```

```
191 <210> SEQ ID NO: 4
193 <211> LENGTH: 27
195 <212> TYPE: DNA
197 <213> ORGANISM: Artificial
201 <220> FEATURE:
203 <223> OTHER INFORMATION: sense primer for amplifying ROS coding region
205 <220> FEATURE:
207 <221> NAME/KEY: misc_feature
209 <222> LOCATION: (60)..(447)
211 <223> OTHER INFORMATION: where n is A or T or G or C
```

? only 27 nucleotides are in this sequence

3

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\12052003\J719996.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 6,12,15,21,27,36,39,42,48,51,54,63,66,69,75,78,87,90,93,96
Seq#:3; N Pos. 99,105,108,111,114,120,126,132,135,138,141,144,147,150,153
Seq#:3; N Pos. 156,159,162,165,168,171,177,192,195,198,201,204,207,213,216
Seq#:3; N Pos. 234,240,249,252,255,264,267,273,279,282,285,294,300,303,315
Seq#:3; N Pos. 330,333,336,345,351,354,357,360,366,372,375,378,381,384,387
Seq#:3; N Pos. 399,402,405,411,414,420,426,429,441,447
Seq#:35; Xaa Pos. 13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31
Seq#:35; Xaa Pos. 32,33,34,35,36,37,38,39,40,41,42,43,44

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,22,23,24,25,27